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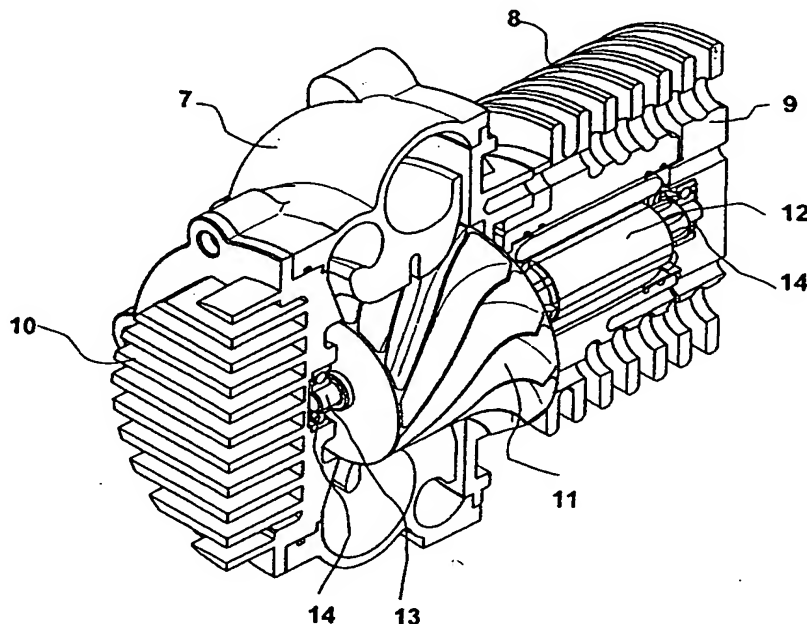
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(54) ~~Title:~~ SUPERCHARGER COUPLED TO A MOTOR/GENERATOR UNIT



(57) ~~Abstract:~~ A device for handling and recovering of kinetic energy in a fluid is presented which basically features a bladed impeller (11). The impeller is operated by an electric engine (12) and acts as a centrifugal blower yielding energy to the air when the main engine is in a low boost phase; otherwise in case of excessive boost pressure, the impeller receives the moving fluid which will drive its rotation, reducing pressure and absorbing the energy to operate the electric engine (12) which will act as a reversible electric machine, thus generating electric power.